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Patent  
Attorney Docket No. 030681-457

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

In-kyu Park et al.

Group Art Unit: 2671

Application No.: 10/727,629

Examiner: Unassigned

Filing Date: December 5, 2003

Confirmation No.: 9103

Title: METHOD AND APPARATUS FOR ENCODING AND DECODING THREE-DIMENSIONAL OBJECT DATA

**SECOND  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a **SECOND** Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER &amp; MATHIS, L.L.P.

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By

Charles F. Wieland III  
Registration No. 33,096Date: June 21, 2004



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For: METHOD AND APPARATUS FOR  
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**SECOND INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

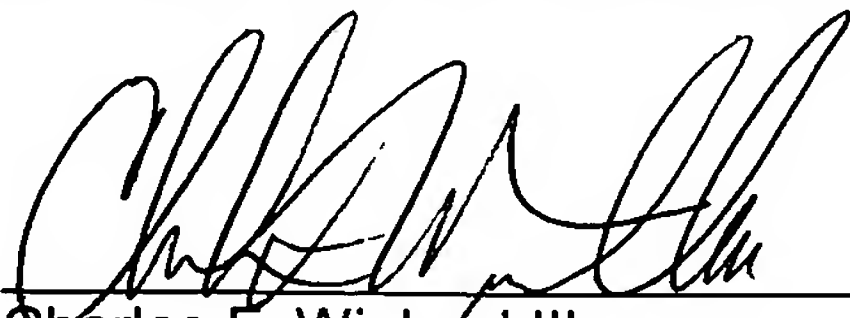
In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

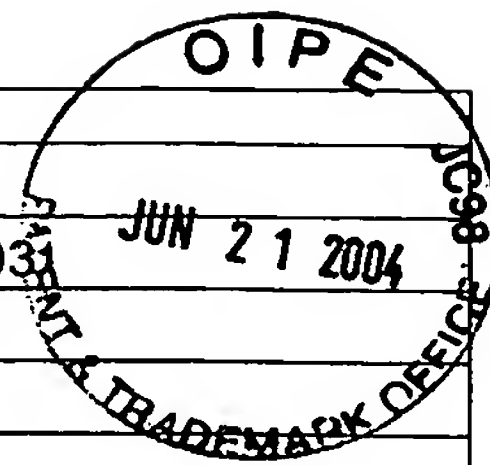
BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Substitute for form 1449A/PTO & 1449B/PTO			<b>Complete if Known</b>		
<b>SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(use as many sheets as necessary)</small>			Application Number	10/727,629	
			Filing Date	December 5, 2003	
			First Named Inventor	In-kyu Park et al.	
			Examiner Name	Unassigned	
Sheet	1	of	1	Attorney Docket Number	030681-457



U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	European Search Report for corresponding Application No. 03257599.5
	Y. BAYAKOVSKI ET AL., "Depth Image-Based Representations and Compression for Static and Animated 3D Objects", Laboratory of Computer Graphics at Dep of CS MSU, 2002, pgs 1-27,
	Y. BAYAKOVSKI ET AL., "Depth Image-Based Representations for Static and Animated 3D Objects", Proceedings International Conference on Image Processing, ICIP 2002, pgs. 25-28, Vol. 2, No. 3. IEEE, New York, NY, USA
	HANAN SAMET ET AL., "Octree Approximation and Compression Methods", Proceedings of First International Symposium on 3D Data Processing Visualization and Transmission, Padova, Italy, 2002, pgs. 1-10, IEEE Computer Society
	JOHN G. CLEARY ET AL., "Data Compression Using Adaptive Coding and Partial String Matching", IEEE Transactions on Communications, 1984, pgs. 396-402, Vol. COM-32, No. 4, IEEE Inc., New York, USA
	ALEXANDER ZHIRKOV, "Binary Volumetric Octree Representation for Image-Based Rendering", Proc. Of Graphicon'01, 2001, pgs. 1-2, Retrieved from the Internet

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.  
VA 199140.1